



## OPERATING ENGINEERS AND OTHER CONSTRUCTION EQUIPMENT OPERATORS

**TRANSPORTATION INDUSTRY**  
OCCUPATION OUTLOOK IN SOUTHEAST MICHIGAN, 2023

### OCCUPATION SUMMARY

Operate one or several types of power construction equipment to excavate, move, and grade earth, erect structures, or pour hard surface pavement. Other duties include repairing and maintaining equipment in addition to other tasks. Primary responsibilities are to learn and follow safety regulations and take actions to avoid potential hazards or obstructions. Learn more at [onetonline.org](http://onetonline.org).

### AVERAGE WAGE IN MICHIGAN

	Entry	Median	Experienced
Hourly	\$18.68	\$28.51	\$37.41
Annually	\$38,854	\$59,300	\$77,812

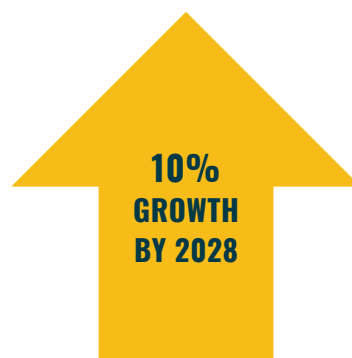
### JOB TITLES

The Operating Engineers and Other Construction Equipment Operators occupation refers to the entire industry in which someone works. Some examples of specific job titles for this occupation include:

- Heavy Equipment Operators
- Operating Engineers
- Technicians
- Excavators
- Construction Engineers

### OCCUPATIONAL GROWTH

Projected to grow faster than average (10%); 1,325 annual job openings are predicted.



**Debt-free training and additional support may be available to jobseekers and those currently employed in this career**

Contact your local **Michigan Works! Agency** to learn more  
[michiganworks.org/michigan-works-network](http://michiganworks.org/michigan-works-network)



## EARN WHILE YOU LEARN: REGISTERED APPRENTICESHIP

Employers or sponsors may provide apprenticeship opportunities, enabling individuals to acquire hands-on experience, engage in related instruction while receiving compensation. Completing a registered apprenticeship program can lead to career advancement and an average annual income of \$80,000. [Learn more.](#)

## GROW A CAREER WITH ADVANCED DEGREES AND CERTIFICATES

### PROFESSIONAL CERTIFICATIONS

- Forklift Certification
- Contractor License
- CFC Refrigeration Certification
- Tanker Endorsement
- Triples Endorsement
- 3rd Class Power Engineer Certificate
- HVAC Certification
- DOT Certification
- Operator Certification
- Stationary Engineer License

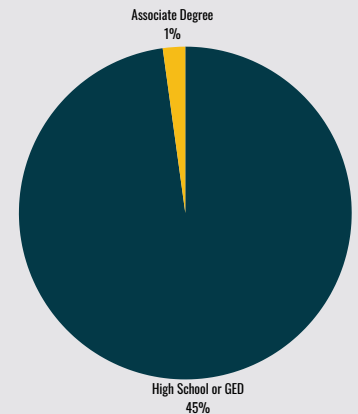
### ADVANCED DEGREES AVAILABLE

(Associate, Bachelor's and Master's Degrees)

- Business Administration
- Engineering

### EDUCATION

Percentage of Job Postings by Education Level



## A POTENTIAL PATH TO SUCCESS

Explore strategies for overcoming significant factors that can impact employment by clicking [here](#). The following illustration outlines a potential career trajectory based on labor market insights within this occupation.

### MID-LEVEL COMPETENCIES (3-6 YEARS EXPERIENCE)

Continue gaining skills to stay relevant in an ever-changing ecosystem.

### ENTRY LEVEL COMPETENCIES (0-2 YEARS EXPERIENCE)

Current employees who obtain training may be offered a new position, additional responsibility, and/or additional benefits.

#### Skills/knowledge in:

- Heavy Equipment
- Front End Loaders
- Construction
- Grading (Landscape)
- Backhoes

#### Qualifications:

- Valid Driver's License

#### Skills/knowledge in:

- Machine Operation
- Forklift Truck
- Safety Standards
- Mechanics
- Plowing
- Recycling
- Transfer Station
- Dozer
- Fleet Maintenance Software

#### Qualifications:

- Commercial Driver's License (CDL)

#### Skills/knowledge in:

- Excavation
- Boilers
- Chilled Water
- Demolition
- Occupational Safety and Health
- Water Treatment
- Trenching
- Microsoft Suite

#### Qualifications:

- Contractor License
- Cardiopulmonary Resuscitation (CPR) Certification

#### Skills/knowledge in:

- Equipment Inspection
- HVAC
- Valves (Piping)
- Housekeeping
- Operational Data Store
- Metasys Building Automation System

#### Qualifications:

- CFC Refrigeration Certification
- First Aid Certification
- Automated External Defibrillator (AED) Certification

This workforce product was funded by a grant awarded by the U.S. Department of Labor (DOL)'s Employment and Training Administration (ETA). The product was created by the recipient and does not necessarily reflect the official position of DOL/ETA. DOL/ETA makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it.

This information was pulled and combined to create these profiles by WIN staff. Data pulled from oNet, Lightcast, and Indeed.